

**GRINDING APPARATUS FOR BLENDING DEFECTS ON TURBINE BLADES
AND ASSOCIATED METHOD OF USE**

Abstract of the Disclosure

A grinding apparatus for use with an endoscope for viewing and blending defects on a turbine engine blade is provided. In one preferred embodiment air pulses from an air supply cause a grinding head on the end of a grinding tool to reciprocate at a predetermined speed. The position of the grinding head is fixed via the operator via a trigger on the grinding tool which articulates an outer portion of a support tube of the grinding tool. In another preferred embodiment, fluid is used to reciprocate the grinding head.